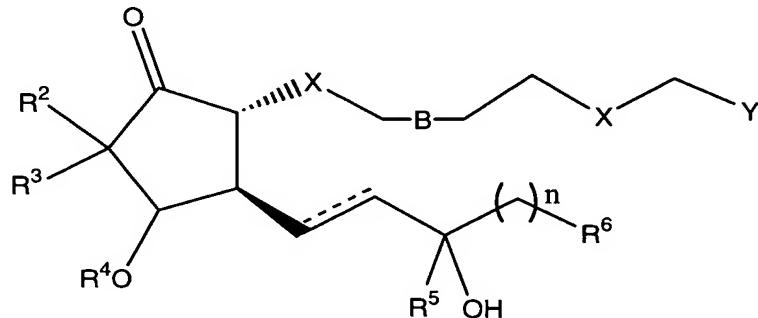


ABSTRACT

- The present invention provides a method of treating ocular hypertension or glaucoma which comprises administering to an animal having ocular
- 5 hypertension or glaucoma therapeutically effective amount of a compound represented by the general formula I;



Formula I

- 10 wherein the dashed line indicates the presence or absence of a bond, the hatched wedge indicates the α (down) configuration, and the solid triangle indicates the β (up) configuration;

B is a single, double, or triple covalent bond;

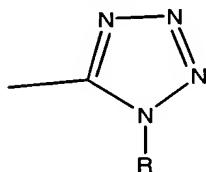
n is 0-6;

- 15 X is CH_2 , S or O;

Y is any pharmaceutically acceptable salt of CO_2H , or CO_2R , CONR_2 ,

$\text{CONHCH}_2\text{CH}_2\text{OH}$, $\text{CON}(\text{CH}_2\text{CH}_2\text{OH})_2$, CH_2OR , $\text{P}(\text{O})(\text{OR})_2$, CONRSO_2R ,

SONR_2 , or



- 20 R is H, C_{1-6} alkyl or C_{2-6} alkenyl;

R^2 and R^3 are C_{1-6} linear alkyl which may be the same or different, and may be bonded to each other such that they form a ring incorporating the carbon to which they are commonly attached;

R^4 is hydrogen, R , $C(=O)R$, or any group that is easily removed under physiological conditions such that R^4 is effectively hydrogen;

R^5 is hydrogen or R ;

R^6 is

- 5 i) hydrogen;
- ii) a linear or branched hydrocarbon containing between 1 and 8 carbon atoms, which may contain one or more double or triple bonds, or oxygen or halogen derivatives of said hydrocarbon, wherein 1-3 carbon or hydrogen atoms may be substituted by O or a halogen; or
- 10 iii) aryloxy, heteroaryloxy, C_{3-8} cycloalkyloxy, C_{3-8} cycloalkyl, C_{6-10} aryl or C_{3-10} heteroaryl, wherein one or more carbons is substituted with N, O, or S; and which may contain one or more substituents selected from the group consisting of halogen, trihalomethyl, cyano, nitro, amino, hydroxy, C_{6-10} aryl, C_{3-10} heteroaryl, aryloxy, heteroaryloxy, C_{1-6} alkyl, OR, SR, and SO_2R .

Some of the compounds of the present invention and some of their methods of preparation are also novel and nonobvious.